

Converting Colors

XYZ(50.4357, 30.5779, 32.9679)

Have a look what the booklet for
XYZ(50.4357, 30.5779, 32.9679)
contains.

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Color

**XYZ(50.3972, 30.5064,
32.9379)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5898
RGB	255, 88, 152
RGB Percent	100%, 35%, 60%
CMY	0.0000, 0.6549, 0.4039
CMYK	0.00, 0.65, 0.40, 0.00
HSL	337°, 100%, 67%
HSV	337°, 65%, 100%
XYZ	50.3972, 30.5064, 32.9379
YIQ	145.2290, 78.9880, 55.3080

Conversions

Conversions Part 2

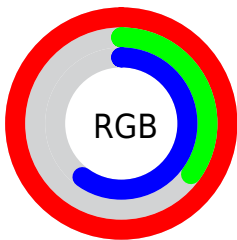
Format	Color
R _Y B	255, 88, 152
Decimal	16734360
CIE Lab	62.09, 68.10, 0.38
CIE LCh	62, 68.105, 0.317
Yxy	30.5064, 0.4427, 0.2680
Android (android.graphics.Color)	4294924440 (0xFFFF5898)
YUV	145.2290, 3.3381, 96.2692
Hunter-Lab	55.2326, 66.2160, 3.3053

Details

The XYZ color **50.3972, 30.5064, 32.9379** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **49.1903, 77.3571, 61.6342**, and the grayscale version is **26.9726, 28.3772, 30.9028**.

A 20% lighter version of the original color is **62.8143, 46.5837, 64.0734**, and **24.4498, 12.4941, 13.4349** is the 20% darker color. If you saturate the color by 10%, you get **47.4538, 26.5463, 26.0170**, and if you desaturate by 10%, it is **54.2448, 36.0014, 41.0035**.

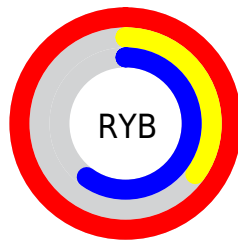
Distribution



Red (100%)

Green (35%)

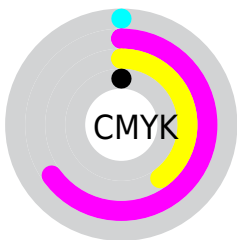
Blue (60%)



Red (100%)

Yellow (35%)

Blue (60%)

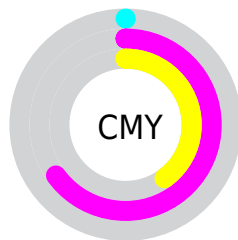


Cyan (0%)

Magenta (65%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (65%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.3972, 30.5064, 32.9379 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 50.3972, 30.5064, 32.9379 by changing the saturation by 10% instead.


 50.3972, 30.5064,
32.9379


 50.3972, 30.5064,
32.9379


378.6436,
304.2578, 329.9932


 35.9482, 20.2233,
21.8081


 89.9514, 60.4621,
65.3935


 24.5641, 12.5575,
13.5190


 115.7873, 80.9035,
87.5563

 15.8796, 7.1245,
7.6520


 146.1496,
105.4997, 114.2340

 9.5293, 3.5401,
3.7885

 181.4036,
134.6352, 145.8450

 5.1479, 1.4198,
1.5101

221.9146,
168.6944, 182.8079

 2.3699, 0.2312,
0.2254

268.0480,

 0.8301, 0.0000,

208.0616, 225.5412

0.0000

320.1692,
253.1213, 274.4635

■ 0.0000, 0.0000,
0.0000

■ 50.3972, 30.5064,
32.9379

■ 50.3972, 30.5064,
32.9379

■ 47.4538, 26.5463,
26.0170

■ 54.2448, 36.0014,
41.0035

■ 45.3251, 23.9530,
20.1774

■ 59.0689, 43.1660,
50.2683

■ 43.9059, 22.5273,
15.3491

■ 64.9372, 52.1259,
60.7847

■ 43.4312, 22.1365,
13.4689

■ 71.9102, 62.9930,
72.6009

■ 80.0437, 75.8702,
85.7624

89.3897, 90.8529,
100.3125

95.0500, 100.0000,
108.9000

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



47.1321, 30.5064, 64.9524



50.3972, 30.5064, 32.9379



46.9974, 30.5064, 13.7156

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



50.3972, 30.5064, 32.9379



20.9874, 30.5064, 5.9380



21.1238, 30.5064, 99.0738

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



50.3972, 30.5064, 32.9379



49.1903, 77.3571, 61.6342

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16.3011, 30.5064, 65.7114



50.3972, 30.5064, 32.9379



16.2348, 30.5064, 13.9855

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



50.3972, 30.5064, 32.9379



28.8981, 30.5064, 4.0083



14.7160, 30.5064, 33.4962



29.0930, 30.5064, 113.4192

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50.3972, 30.5064, 32.9379



41.7486, 30.5064, 7.5656



14.7160, 30.5064, 33.4962



19.1463, 30.5064, 89.0708

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



50.3980, 30.5081, 32.9384



76.2255, 69.8028, 79.6525



43.0231, 25.2757, 97.2188



15.8327, 14.1775, 16.2647



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



50.3980, 30.5081, 32.9384



46.6179, 25.4885, 23.8453



48.3109, 32.5830, 12.9775



18.2974, 18.1023, 20.1834



22.7609, 11.5937, 7.3916



2.2675, 1.1494, 0.9901

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



50.3980, 30.5081, 32.9384



46.6179, 25.4885, 23.8453



51.9322, 69.0087, 105.1905



18.2974, 18.1023, 20.1834



22.7609, 11.5937, 7.3916



2.2675, 1.1494, 0.9901

Previews

White Background



This preview shows how the XYZ color 50.3972, 30.5064, 32.9379 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 50.3972, 30.5064, 32.9379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.3972, 30.5064, 32.9379

Background



This preview shows how black text looks on a background with the XYZ color 50.3972, 30.5064, 32.9379.



This preview shows how white text looks on a background with the XYZ color 50.3972, 30.5064,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

50.3972, 30.5064, 32.9379

Protanopia

30.7480, 30.7445, 52.4578

Deuteranopia

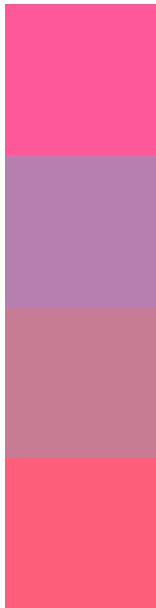
31.0958, 30.4799, 30.6298



Tritanopia

47.0624, 30.4507, 16.7617

Trichromacy



Original Color

50.3972, 30.5064, 32.9379

Protanomaly

34.7172, 28.2584, 44.6989

Deuteranomaly

36.0273, 28.6640, 31.2376

Tritanomaly

48.0236, 30.2932, 21.7284

Monochromacy



Original Color

50.3972, 30.5064, 32.9379

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

32.5605, 26.8677, 31.4868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3972, 30.5064, 32.9379 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 88, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 88, 152)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 88, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 88, 152) }
```

Border

The CSS property to change the border of an element to XYZ 50.3972, 30.5064, 32.9379 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 88, 152) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(255, 88, 152) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(255, 88, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 88, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 88, 152);  
box-shadow:4px 4px 4px 4px rgb(255, 88,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3972, 30.5064, 32.9379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 88, 152) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255, 88,  
152) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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